CLAIMS

1.   A method of transmitting frequency modulated data signals over a digital mobile phone network which filters the transmitted data signals, said method includes the step of providing original said frequency modulated data signals with more than one frequency,

5   wherein, the frequency modulated data signals having more than one frequency is achieved by generating a pseudo random sequence which does not overlap the frequency band of the FM data signals and mixing the sequence with the original data frequency modulated signals.

2.   The method of transmitting frequency modulated data signals according to claim 1, wherein the frequency modulated data signals having more than one frequency are also

10   modulated in amplitude.

3.   The method of transmitting frequency modulated data signals according to claim 1, wherein the pseudo random sequence has a lower frequency band than that of the original data frequency modulated signals.